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APPLICATION

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FOR UNITED STATES LETTERS PATENT

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SPECIFICATION

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TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN THAT WE, SHAWN P. WERTZ and ROBIN L.
25 WERTZ, citizens of UNITED STATES OF AMERICA, have invented a
new and useful AEROSOL CAN HOLDING AND OPERATING DEVICE of
which the following is a specification:

AEROSOL CAN HOLDING AND OPERATING DEVICE

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BACKGROUND OF THE INVENTION

Field of the Invention

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The present invention relates to spray can extension arm devices and more particularly pertains to a new spray can extension arm device for holding an aerosol can and selectively operating such at a distance from the operator of the device.

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Description of the Prior Art

The use of spray can extension arm devices is known in the prior art. While these devices fulfill their respective, particular objectives and requirements, the need remains for a device that supports an aerosol can in such a manner as to ensure that the aerosol can is stable when it is actuated for dispensing its contents while spacing it a sufficient distance from the user to allow the user to spray elevated areas.

25 SUMMARY OF THE INVENTION

The present invention meets the needs presented above by including an elongated pole having a lip thereon for supporting the aerosol can thereon. The lip ensures that the aerosol can is stable when actuated by a
30 tether that pulls the aerosol can toward the lip.

Another object of the present invention is to provide a new spray can extension arm device that includes a telescoping pole so that the user may reach selected heights with the pole.

5 To this end, the present invention generally comprises an elongated pole having a bottom end and a top end. The top end is open and an aperture extends into an interior of the pole. A notch extends into the top end such that a lip is defined that is spaced from the top end. The aperture is positioned nearer the bottom end than the top end. An elongated tether
10 extends through the aperture and outwardly through the top end. An attaching member is attached to the pole for selectively attaching an aerosol can to the pole when the aerosol can is positioned on the lip. The tether is removably coupled to an actuator of the aerosol can for selectively dispensing contents of the aerosol can.

15 There has thus been outlined, rather broadly, the more important features of the invention in order that the detailed description thereof that follows may be better understood, and in order that the present contribution to the art may be better appreciated. There are additional
20 features of the invention that will be described hereinafter and which will form the subject matter of the claims appended hereto.

 The objects of the invention, along with the various features of novelty which characterize the invention, are pointed out with particularity
25 in the claims annexed to and forming a part of this disclosure.

BRIEF DESCRIPTION OF THE DRAWINGS

 The invention will be better understood and objects other than those
30 set forth above will become apparent when consideration is given to the following detailed description thereof. Such description makes reference to the annexed drawings wherein:

Figure 1 is a schematic front view of a aerosol can holding and operating device according to the present invention.

5 Figure 2 is a schematic rear view of the present invention.

Figure 3 is a schematic cross-sectional view taken along line 3-3 of Figure 2 of the present invention.

10 Figure 4 is a schematic cross-sectional view taken along line 4-4 of Figure 1 of the present invention.

DESCRIPTION OF THE PREFERRED EMBODIMENT

15 With reference now to the drawings, and in particular to Figures 1 through 4 thereof, a new spray can extension arm device embodying the principles and concepts of the present invention and generally designated by the reference numeral 10 will be described.

20 As best illustrated in Figures 1 through 4, the aerosol can holding and operating device 10 generally comprises an elongated pole 12 having a bottom end 14 and a top end 16. The top end 16 is open and an aperture 18 extends into an interior of the pole 12. The aperture 18 is positioned nearer the bottom end 14 than the top end 16 of the pole 12. A notch 20
25 extends into the top end 16 such that a lip 22 is defined that is spaced from the top end 16. The lip 22 serves as a ledge for supporting an aerosol can 8 on the pole 12. Preferably, a distance between the lip 22 and the top end 16 is generally between seven and nine inches. Ideally, the pole 12 is selectively telescoping and includes a plurality of sections 24 slidably
30 coupled together. The sections 24 are selectively lockable in an extended position. Corresponding male 26 and female 28 threaded couplers positioned on adjoining sections 24 may accomplish this. It is preferred that a handle 30 is attached to the bottom end of the pole.

An elongated tether 32 extends through the aperture 18 and outwardly through the top end 16. A first end 34 of the tether 32 is positioned adjacent to the aperture 18 and a second end 36 of the tether 32 is positioned adjacent to the top end 14. Ideally, a hook 38 is attached to the second end 36 of the tether 32 and a loop 40 is attached to the first end 34.

An attaching member 42 is attached to the pole 12 for selectively attaching the aerosol can 8 to the pole 12 when the aerosol can 42 is positioned on the lip 22. The attaching member 42 is positioned generally adjacent to the top end 16. The attaching member 42 includes a strap 44 for extending around the aerosol can 8 and is may be attached to the pole 12 with a rivet. A hook and loop fastener 46 is attached to the strap 44 for fastening the strap 44 around the aerosol can 8.

In use, the aerosol can 8, presumably containing a pesticide, is positioned on the lip 22 and attached to the pole 12 with the attaching member 42. The tether 32 is removably coupled to an actuator 9 of the aerosol can 8, and this may be done with the hook 38. The user of the device 10 selectively dispenses contents of the aerosol can 8 by pulling on the first end 34 of the tether 32.

With respect to the above description then, it is to be realized that the optimum dimensional relationships for the parts of the invention, to include variations in size, materials, shape, form, function and manner of operation, assembly and use, are deemed readily apparent and obvious to one skilled in the art, and all equivalent relationships to those illustrated in the drawings and described in the specification are intended to be encompassed by the present invention.

Therefore, the foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the exact construction and operation shown and
5 described, and accordingly, all suitable modifications and equivalents may be resorted to, falling within the scope of the invention.